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PTO/SB/01 (3-97)

Approved for use through 6/30/98. OMB 0651-0032  
Patent and Trademark Office; US DEPARTMENT OF COMMERCE

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|  |  |                             |                             |
|--|--|-----------------------------|-----------------------------|
| <b>DECLARATION FOR<br/>UTILITY OR DESIGN<br/>PATENT APPLICATION</b>                    |  | <b>Attorney Docket No.</b>  | <b>DAD-0020</b>             |
|  |  | <b>First Named Inventor</b> | <b>Chandra Bera SUBHASH</b> |
| <b>COMPLETE IF KNOWN</b>   |  |                             |                             |
| <input checked="" type="checkbox"/> Declaration<br>submitted with or<br>initial filing |  | Application No.             |                             |
| <input type="checkbox"/> Declaration<br>submitted after<br>initial filing              |  | Filing Date                 |                             |
|  |  | Group Art Unit              |                             |
|  |  | Examiner Name               |                             |

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (only if one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

***A CONTROL CIRCUIT FOR DIODE BASED RF CIRCUITS****(Title of the Invention)*

the specification of which

 is attached hereto  
or was filed on **August 4, 2003**, as PCT Application Number **PCT/IN2003/00265**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date<br>(MM/DD/YY) | Priority<br>Not claimed | Certified Copy Attached<br>YES |
|-------------------------------------|---------|-----------------------------------|-------------------------|--------------------------------|
|                                     |         |                                   |                         | <input type="checkbox"/>       |

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

|                        |                        |  |
|------------------------|------------------------|--|
| Application Number (s) | Filing Date (MM/DD/YY) | <input type="checkbox"/><br>Additional provisional application<br>numbers are listed on a supplemental<br>priority data sheet PTO/SB/02B<br>attached hereto. |
|                        |                        |  |
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**DECLARATION - Utility Or Design Patent Application**

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) or any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the matter provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S Parent Application Number | PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if applicable) |
|-------------------------------|-------------------|---------------------------------|--------------------------------------|
|                               |                   |                                 |                                      |

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  Registered practitioner(s) associated with Customer Number 23353

and

Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label Here

| Name               | Registration No. | Name                     | Registration No.            |
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| David T. Nikaido   | 22,663           | Christopher M. Tobin     | 40,920                      |
| Ronald P. Kananen  | 24,104           | Lee Cheng                | 40,949                      |
| Ralph T. Rader     | 28,772           | Brian K. Dutton          | 47,255                      |
| Carl Schaukowitch  | 29,211           | Toshikatsu Imaizumi      | L0046 (Limited recognition) |
| Michael D. Fishman | 31,951           | Christopher J. Wickstrom | 57,199                      |

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to  Customer Number or Bar Code Label **23353** or  Correspondence Address below

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |  |
|--|--|
| Name of First Inventor                 | <input type="checkbox"/> A petition has been filed for this unsigned inventor. |
| Given Name (first and middle [if any]) | Family Name or Surname   |
| <i>Chandra Bera</i>                    | <i>SUBHASH</i>   |

|                      |            |       |                    |
|----------------------|------------|-------|--------------------|
| Inventor's Signature | <i>JSB</i> | Dated | <i>5 July 2006</i> |
|----------------------|------------|-------|--------------------|

|                     |         |       |  |         |       |             |       |
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Additional inventors are being named on the 1 supplemental additional inventor(s) sheet(s) PTO/SB/02A attached hereto.

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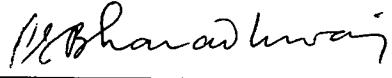
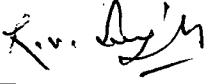
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|--|--|---|--|------------------------|-------|-------------|-------|
| Name of Inventor                       |  | <input type="checkbox"/> A petition has been filed for this unsigned inventor |  |                        |       |             |       |
| Given Name (first and middle [if any]) |  |   |  | Family Name or Surname |       |             |       |
| Subramanian, Bharadwaj                 |  | PRAVEEN   |  |                        |       |             |       |
| Inventor's Signature                   |                             |   |  |                        |       |             | Dated |
|  |  | 5 JULY 2006   |  |                        |       |             |       |
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| City                                   | Gujarat  | State   |  | Zip                    |       | Country     | India |
| Name of Inventor                       |  | <input type="checkbox"/> A petition has been filed for this unsigned inventor |  |                        |       |             |       |
| Given Name (first and middle [if any]) |  |   |  | Family Name or Surname |       |             |       |
| Singh                                  |  | RAJVIR  |  |                        |       |             |       |
| Inventor's Signature                   |                             |   |  |                        |       |             | Dated |
|  |  | 5 <sup>th</sup> July, 2006  |  |                        |       |             |       |
| Residence: City                        | Gujarat  | State   |  | Country                | India | Citizenship | India |
| Post Office Address                    | c/o Space Application Center, Satcom Payload Technology Area, Ambawadi Vistar Post Office, Ahmedabad 380 015 |   |  |                        |       |             |       |
| City                                   | Gujarat  | State   |  | Zip                    |       | Country     | India |